AX PRO
Version: V1.2.4
Release Note
(2021-06-30)

1. Firmware Basic Information

Firmware Basic Information	Firmware Version	V1.2.4_build210629
	Device Type	DS-PWA64-L-WE/WB DS-PWA96-M-WE/WB

Notes:

1. Please update firmware to the latest version to ensure the perfect user experience.
2. For installers, it is recommended to install and maintain devices via Hik-ProConnect.
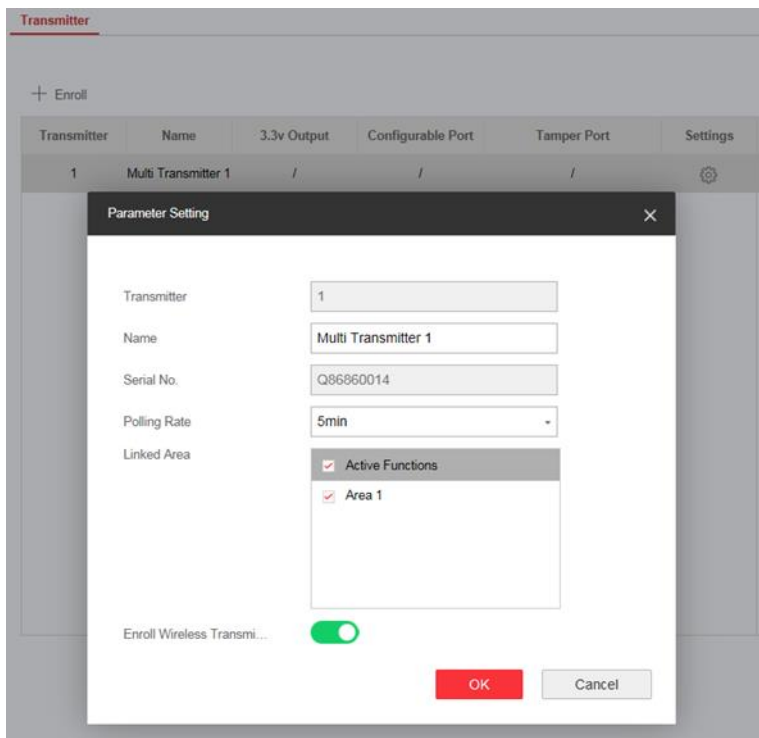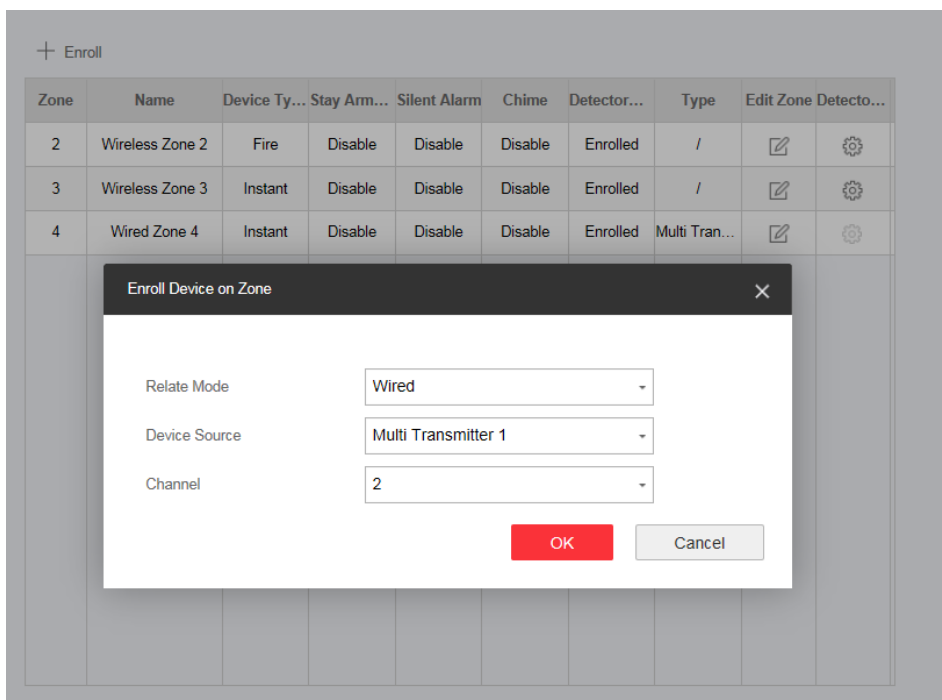
2. V1.2.4 Upgrade Note

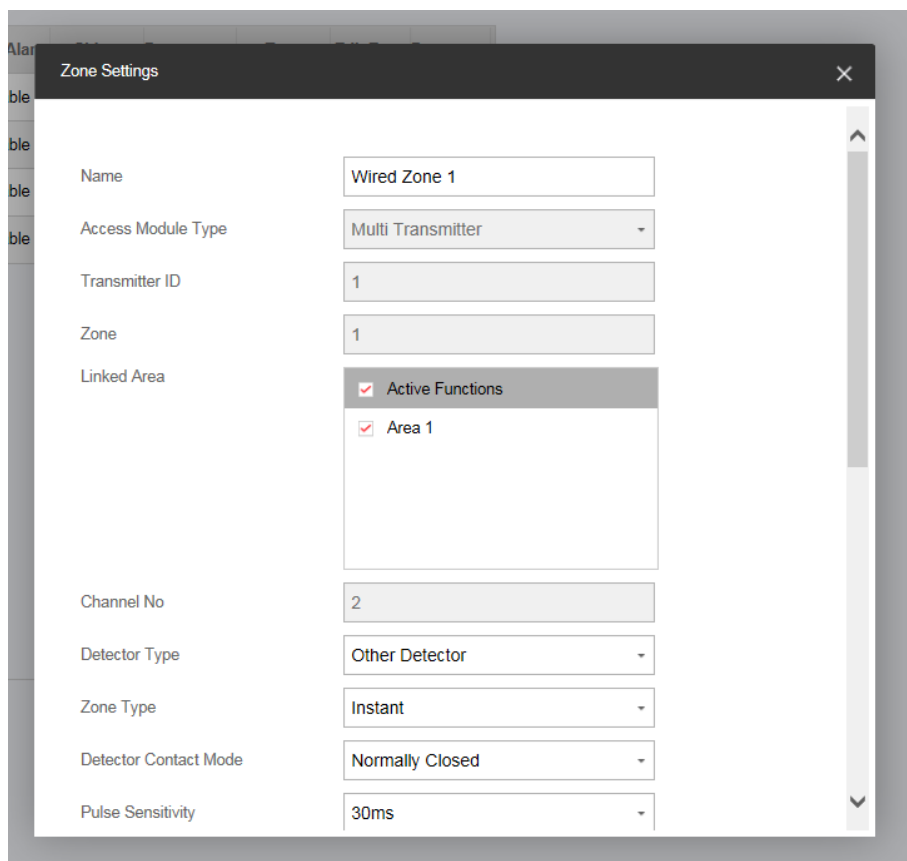### 2.1 Added Function:

1) Support Multi-IO-Transmitter Module

Multi-IO-Transmitter Module can convert wired detectors into wireless detectors. It support 16 channel wired zones, 2 channel wired relays.

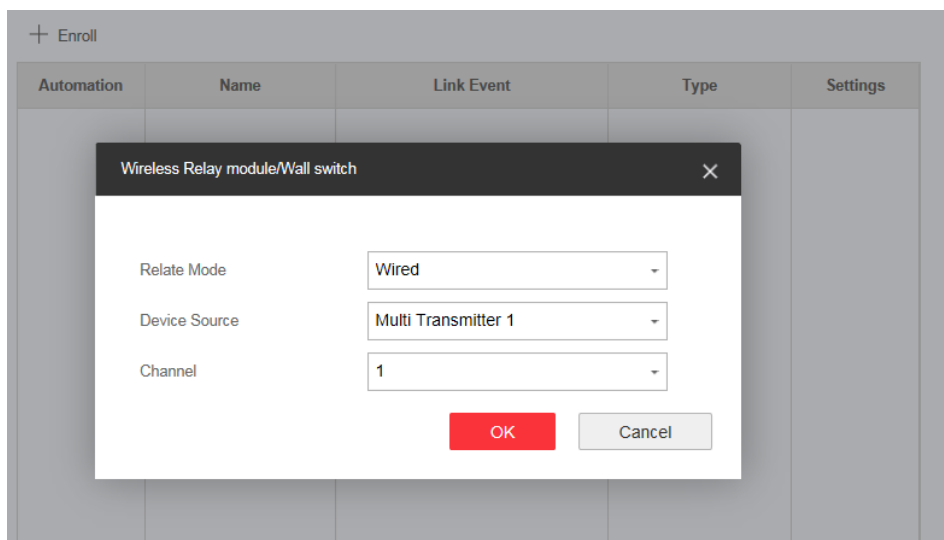(a) The web configuration interface of the Multi-IO-Transmitter Module as follow:

(b) When using the Multi-IO-Transmitter Module to add the wired zones, the configuration interface as follow:
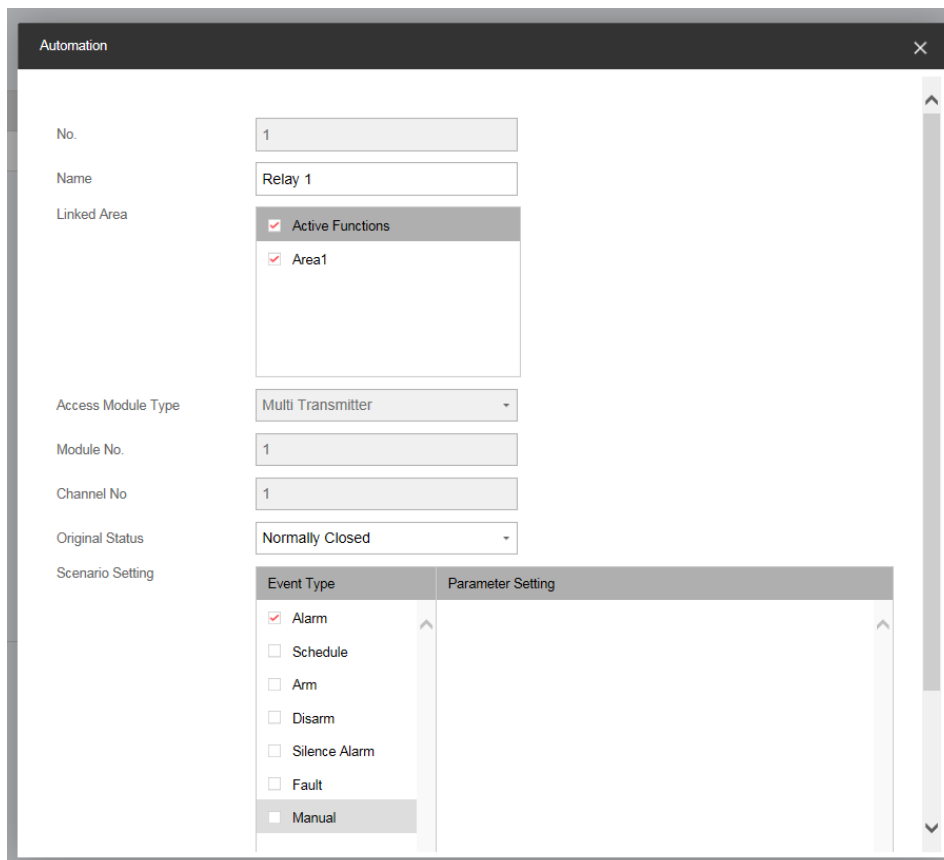
It supports detector type, Zone type, Detector Contact Mode and Pulse Sensitivity. Wired zone support Dual zone.

(c) When using the Multi-IO-Transmitter Module to add wired relay, the configuration interface as follow:

Wired Relay supports event linkage, the linkage rules as follow:

Alarm, Schedule, Arm, Disarm, Silence Alarm, Fault (Fault types: ①Main Power Lost, ②Battery Disconnected or Low Battery,③Communication Fault, ④

zZone/Peripherals Poll Failure/Offline，⑤Zone/Peripherals Low Battery，⑥Network Camera Disconnected), Manual.

2) Follow Zone

During the exit delay time, triggering the follow zone will not alarm, if the delay zone is triggered, the follow zone will alarm immediately;

During the entry delay time, pre-alarm not triggered, before the entry delay time end, if the follow zone is not restored and not disarm, follow zone will alarm when the entry delay time end;

In the entry delay time, pre-alarm triggered, Triggering the follow zone, before the entry delay time and pre-alarm time end, if the follow zone is not restored and not disarm, follow zone will alarm when the entry delay time and pre-alarm time end;

In other cases, triggering the follow zone will alarm immediately if the panel armed.
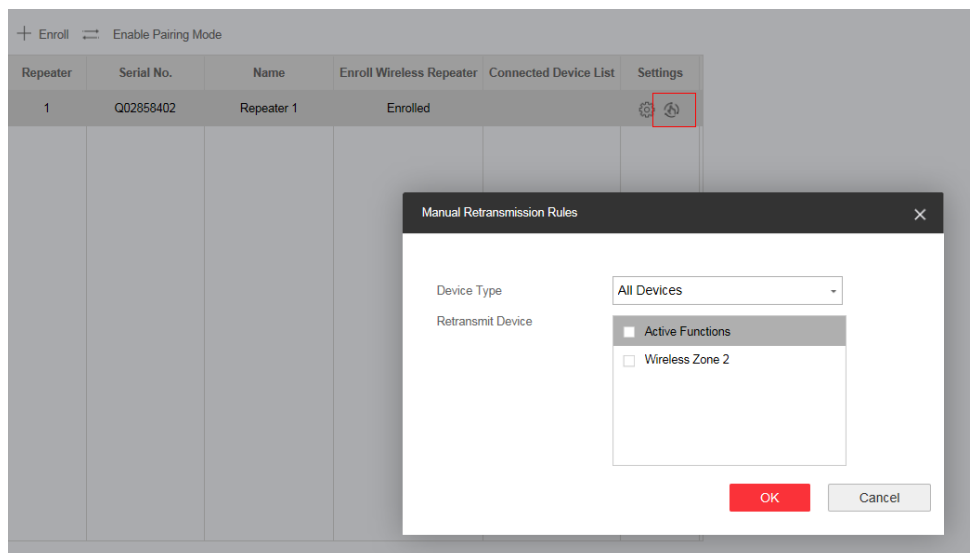
3) Motion type detector supports Time-out zone

Time-out Zone takes effect 24 hours, if the zone is always in trigger status or in restore status, if the time exceeds the time-out duration set by the user, a time-out alarm will be triggered.

4) Add New multiple language

Support more multiple languages: Slovak, Serbian.

5) Repeater supports selecting devices manually

Supported device models: DS-PDPC12PF-EG2-WE/B, D-PDPC12P-EG2-WE/B, and DS-PDSMK-S-WE/B.
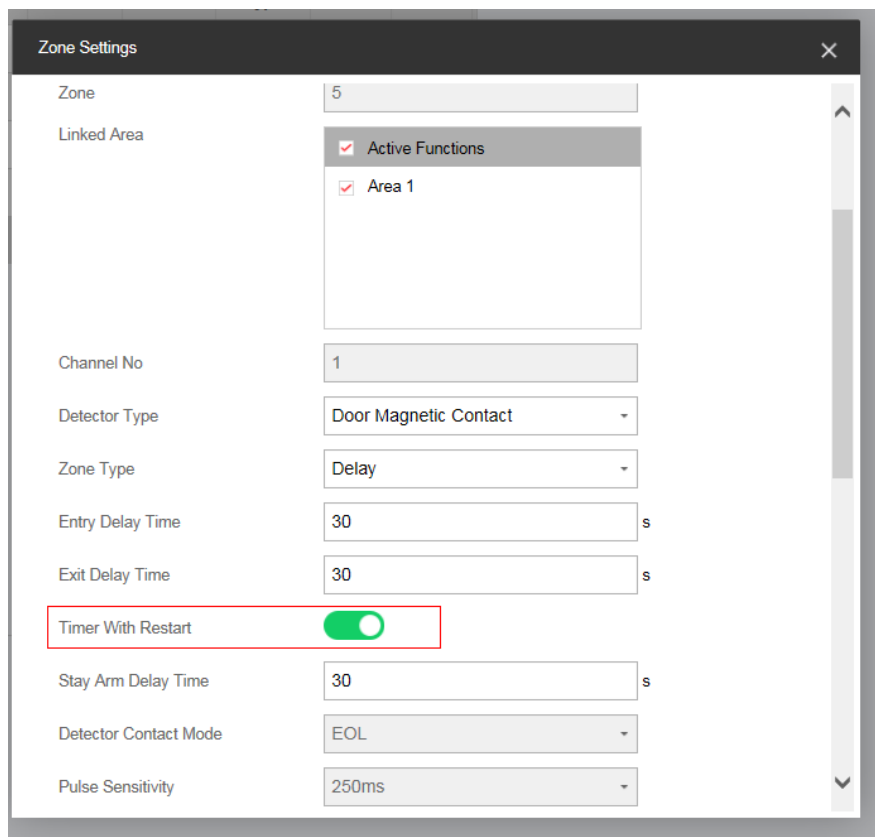

6) Support to send notifications when ISUP protocol network changes

When ISUP protocol network changed, the event notification will be upload through the Hik-connect, ISUP, and SMS.

7) Delay zone supports configuring Timer With Restart (notes: only door magnetic detector supports)

When Enable timer with restart function, in the countdown process, if the delay zone is triggered again, the exit delay time will be counted again (only one time). The terminals that countdown again includes keyboard, tag reader and app.
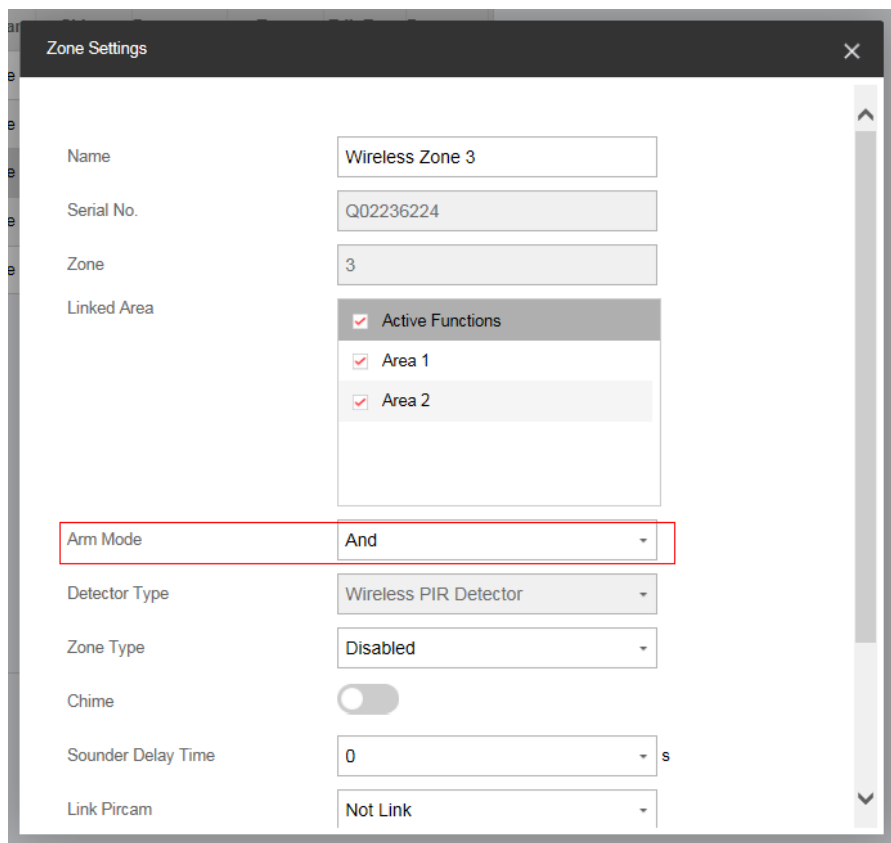
8) Public Zone supports configuring Arm Mode Function

Arm Mode support AND and OR

In AND arm mode, when the all areas associated with this zone are armed, the zone will be armed, when the all areas associated with this zone are disarmed, the zone will be disarmed.

In OR arm mode, when the one of the areas associated with this zone is armed, the zone will be armed, when the one of the areas associated with this zone is disarmed, the zone will be disarmed. When the public zone is trigged, the areas associated with the zone can't be armed.
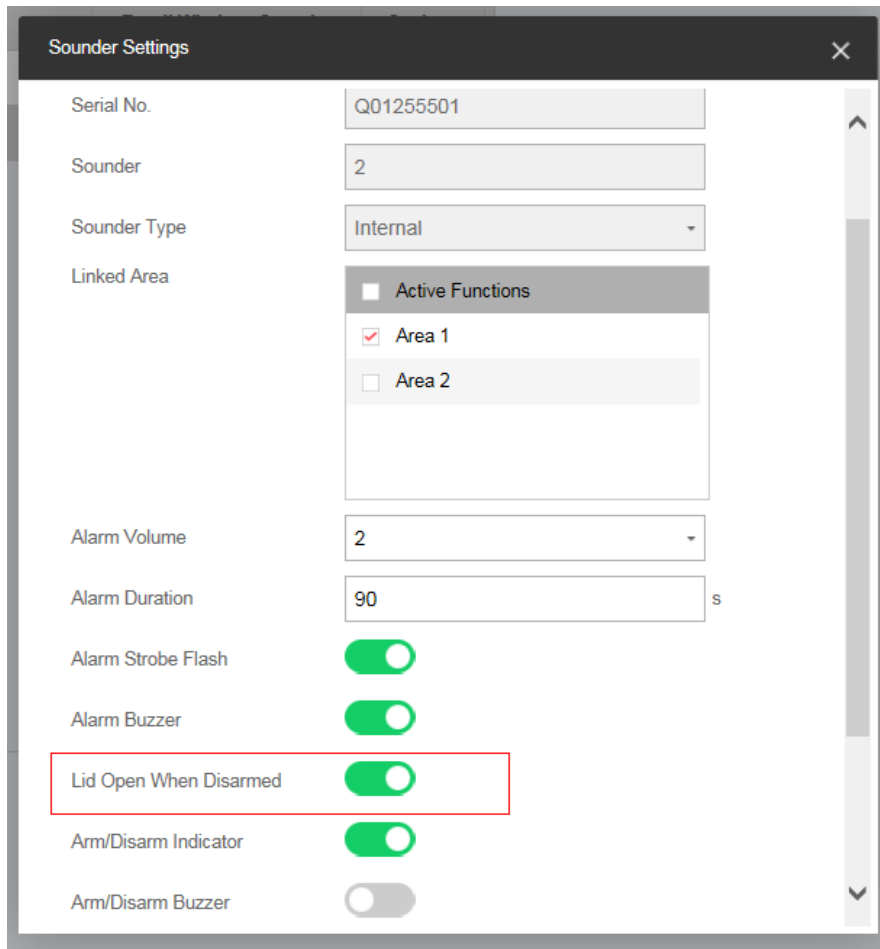
9) Sounder supports configuring Lid Open When Disarmed.

Only enable Alarm Buzzer, the lid open when disarmed function can be configured.
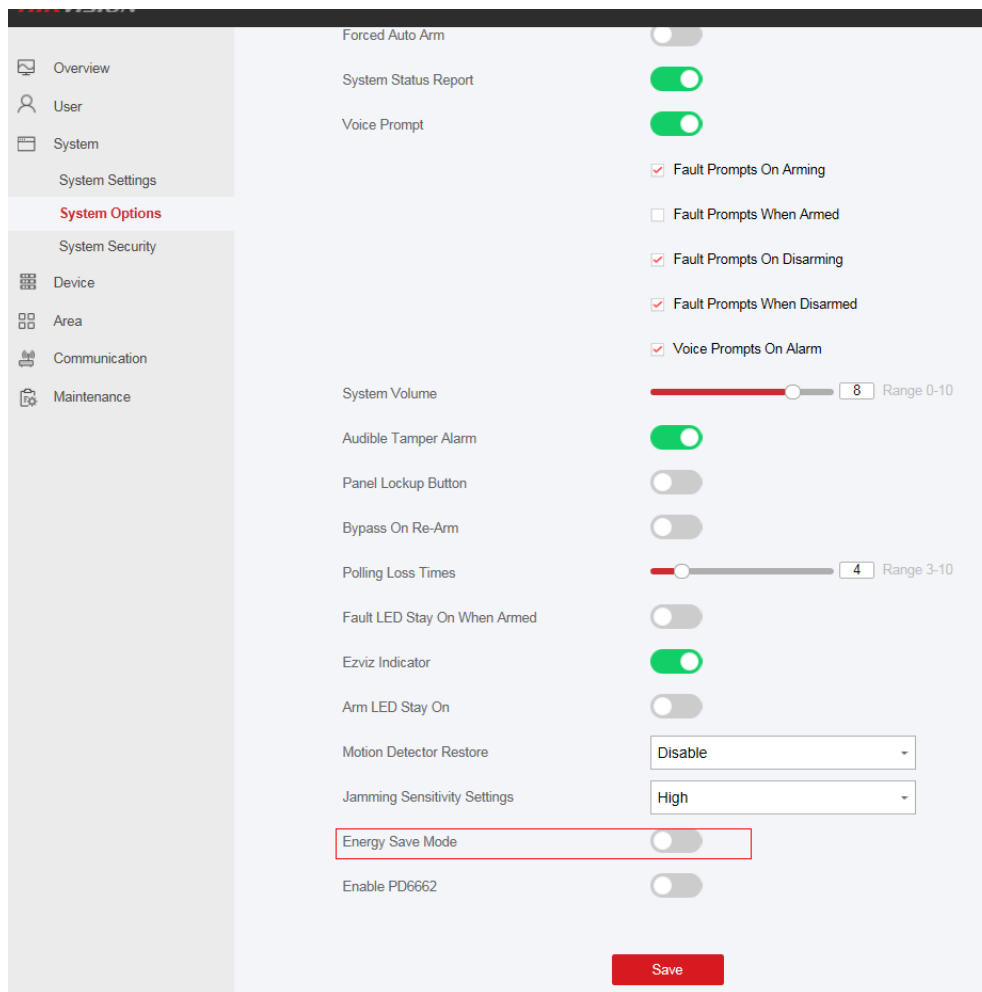
Enable the lid open when disarm, if the sounder tamper is triggered when the panel is disarmed, the buzzer will alarmed.

Disable the lid open when disarm, if the sounder tamper is triggered when the panel is disarmed, the buzzer will not alarmed.
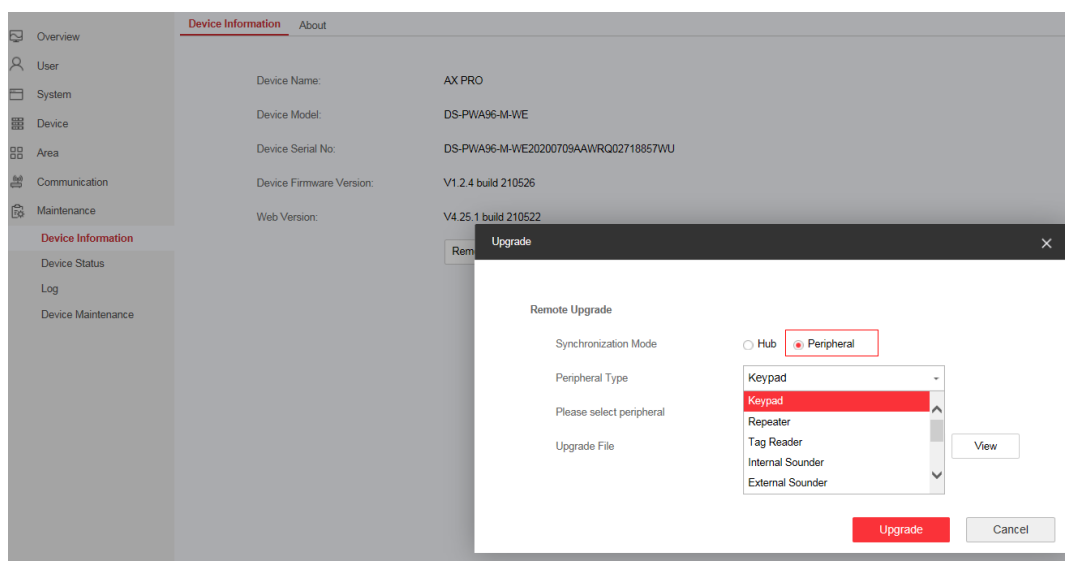
10) Panel supports Energy Save Mode

After Enable Energy Save Mode, the Wi-Fi will enter the low power mode, close 4G function, close the tag reader function, close the indicator light, and close the voice prompt, the LAN normal work. In the Energy Save Mode, the new battery can work more than 16h without the main power.

11)Support to upgrade Wireless peripherals firmware

Users can upload the wireless peripheral latest firmware through the web interface. It support upgrade Wireless Keypad, Wireless Sounder, Repeater, Smart Plug, Multi-Transmitter, Wall Switch, Relay, Tag Reader, and Detector.

2. Feature Optimization:

1) Cellular Data Function Optimization

If the mobile network signal is normal, panel connected to the Ezviz cloud, Hik-proconnect, ISUP at the same time, the cellular data can be used no more than 1MB in a one day.

2) Battery Function Optimization

Panel will upload twice low voltage alarm, the first alarm is 35% of electricity, and the second alarm is 25% of electricity.

3) Panel Fault Check Function Optimization

Disable some panel fault check, the voice prompt and indicator light of the corresponding event will be off, CID report and the devices logs will not display this panel fault.

System Management	Schedule & Timer	**Panel Fault Check**	Arm Options	Device Enroll Mode

Detect Network Camera Disconnection	⬤
Battery Fault Check	⬤
LAN Fault Check	⬤
WiFi Fault Check	⬤
Cellular Fault Check	⬤
AC Power Loss Delay	10 s

Save

4) Hik-Connect APP supports refreshing Panel Status

Hik-Connect APP supports refreshing Panel Status, it includes the panel status, area status and wireless device status.

Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.

- Product design and specifications are subject to change without prior notice.

- The Hikvision firmware may contain errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

- Hikvision is not liable for any typing or printing errors.

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